

RECEIVED

JUL 16 2003

TECH CENTER 1600



1600

## RAW SEQUENCE LISTING

DATE: 07/14/2003

PATENT APPLICATION: US/09/016,159A

TIME: 13:37:32

Input Set : A:\L535.12-1 sequence listing 7-03.txt

Output Set: N:\CRF4\07142003\I016159A.raw

ENTERED

3 <110> APPLICANT: Lee, Jong Y.  
 5 <120> TITLE OF INVENTION: PURIFIED HUMAN ERYTHROPOIETIN RECEPTOR PROTEIN FRAGMENT AND  
 6 ANTIBODIES DERIVED THEREFROM  
 8 <130> FILE REFERENCE: L535.12-1  
 10 <140> CURRENT APPLICATION NUMBER: 09/016,159A  
 11 <141> CURRENT FILING DATE: 1998-01-30  
 13 <160> NUMBER OF SEQ ID NOS: ④  
 15 <170> SOFTWARE: PatentIn version 3.2  
 17 <210> SEQ ID NO: 1  
 18 <211> LENGTH: 23  
 19 <212> TYPE: DNA  
 20 <213> ORGANISM: artificial  
 22 <220> FEATURE:  
 23 <223> OTHER INFORMATION: Bam H1 linker followed by sequence for amino acids 25 though  
 29 of full length DNA for human EPO receptor protein. Forward  
 24 primer.  
 25  
 27 <400> SEQUENCE: 1  
 28 ttggatccgc gccccgcct aac 23  
 31 <210> SEQ ID NO: 2  
 32 <211> LENGTH: 22  
 33 <212> TYPE: DNA  
 34 <213> ORGANISM: artificial  
 36 <220> FEATURE:  
 37 <223> OTHER INFORMATION: Reverse primer including an EcoRI linker followed by sequence  
 for amino acids 250 though 246 of full length DNA for human EPO  
 38 receptor protein.  
 39  
 41 <400> SEQUENCE: 2  
 42 tgaattcggg gtccaggctc ct 22  
 45 <210> SEQ ID NO: 3  
 46 <211> LENGTH: 18  
 47 <212> TYPE: DNA  
 48 <213> ORGANISM: Homo sapiens  
 50 <400> SEQUENCE: 3  
 51 ctggttccgc gtggatcc 18  
 54 <210> SEQ ID NO: 4  
 55 <211> LENGTH: 1527  
 56 <212> TYPE: DNA  
 57 <213> ORGANISM: Homo sapiens  
 59 <300> PUBLICATION INFORMATION:  
 60 <301> AUTHORs: Winkelmann, John C., Laura A. Penny, Larry L. Deaven, Bernard G.  
 61 Forget, and Robert B. Jenkins  
 62 <302> TITLE: The Gene for the Human Erythropoietin Receptor: Analysis of the

63 Coding Sequence and Assignment to Chromosome 19p

## RAW SEQUENCE LISTING

DATE: 07/14/2003

PATENT APPLICATION: US/09/016,159A

TIME: 13:37:32

Input Set : A:\L535.12-1 sequence listing 7-03.txt

Output Set: N:\CRF4\07142003\I016159A.raw

```

64 <303> JOURNAL: Blood
65 <304> VOLUME: 76
66 <305> ISSUE: 1
67 <306> PAGES: 24-30
68 <307> DATE: 1990-07-01
69 <313> RELEVANT RESIDUES: (100)..(777)
71 <400> SEQUENCE: 4
72 atggaaccacc tcggggcgctc cctctggccc caggtcggct ccctttgtct cctgctcgct      60
74 ggggcccgcct gggcgccccc gcctaacctc ccggacccca agttcgagag caaagcggcc      120
76 ttgctggcgg cccggggggcc cgaagagctt ctgtgcttca ccgagcgggt ggaggacttg      180
78 gtgtgttttct gggaggaagg ggcgagcgct ggggtgggcc cgggcaacta cagcttctcc      240
80 taccagctcg aggatgagcc atggaagctg tgcgcctgc accaggctcc cacggctcgt      300
82 ggtcgggtgc gcttctgggt ttcgctgcct acagccgaca cgtcgagctt cgtgcccta      360
84 gaagtgcgcg tcacagcagc ctccggcgct ccgcgatac accgtgtcat ccacatcaat      420
86 gaagtgcgcg tcctagacgc ccccggtggg ctggtggcgc ggttggctga cgagagcggc      480
88 cacgtagtgt tgcgctggct cccgcgcgct gagacacca tgacgtctca catccgctac      540
90 gaggtggacg tctcgccggc caaccggcca gggagcgtac agaggggtga gatcctggag      600
92 ggccgcaccg agtgtgtgct gagcaacctg cggggccgga cgcgctacac cttcgccgtc      660
94 cgcgcgcgta tggctgagcc gagcttcggc ggcttctgga gcgcctggc ggagcctgtg      720
96 tcgctgctgg agcctagcga cctggacccc ctcatcctga cgctctccct catcctcgtg      780
98 gtcacctcgtg tgctgctgac cgtgctcgcg ctgctctccc accgccgggc tctgaagcag      840
100 aagatctggc ctggcatccc gagcccagag agcgagtgtg aaggcctctt caccaccac      900
102 aagggttaact tccagctgtg gctgtaccag aatgatggct gcctgtgggt gagcccctgc      960
104 acccccttca cggaggacc acctgcttcc ctggaagtcc tctcagagcg ctgctggggg      1020
106 acgatgcagg cagtggagcc ggggacagat gatgagggcc ccctgctgga gccagtgggc      1080
108 agtgagcatg cccaggatac ctatctgggt ctggacaaat ggttgcctgc ccggaacccg      1140
110 cccagtgagg acctcccagg gcctggtggc agtgtggaca tagtggccat ggatgaaggc      1200
112 tcagaagcat cctcctgctc atctgctttg gcctcgaagc ccagcccaga gggagcctct      1260
114 gctgccagct ttgagtacac tatcctggac cccagctccc agctcttgcg tccatggaca      1320
116 ctgtgccctg agctgcccc tacccacccc cacctaaagt acctgtacct tgtggtatct      1380
118 gactctggca tctcaactga ctacagctca ggggactccc agggagccca agggggctta      1440
120 tccgatgggc cctactccaa cccttatgag aacagcctta tcccagccgc tgagcctctg      1500
122 ccccccagct atgtggcttg ctcttag      1527

```

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 07/14/2003  
PATENT APPLICATION: US/09/016,159A      TIME: 13:37:34

Input Set : A:\L535.12-1 sequence listing 7-03.txt  
Output Set: N:\CRF4\07142003\I016159A.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2

**VERIFICATION SUMMARY**

DATE: 07/14/2003

PATENT APPLICATION: US/09/016,159A

TIME: 13:37:34

Input Set : A:\L535.12-1 sequence listing 7-03.txt

Output Set: N:\CRF4\07142003\I016159A.raw